

Recombinant Rat Tgm2 Protein, His-tagged

Cat. No. Tgm2-2130R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tgm2 Protein (Ile166-Tyr369) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile166-Tyr369
Description	Calcium-dependent acyltransferase that catalyzes the formation of covalent bonds between peptide-bound glutamine and various primary amines, such as gamma-amino group of peptide-bound lysine, or mono- and polyamines, thereby producing cross-linked or aminated proteins, respectively (By similarity).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27 kDa Accurate Molecular Mass: 27 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Tgm2 transglutaminase 2, C polypeptide [*Rattus norvegicus* (Norway rat)]

Official Symbol

Tgm2

Synonyms

TGM2; transglutaminase 2, C polypeptide; protein-glutamine gamma-glutamyltransferase 2; tissue-type transglutaminase; Tgasell;

Gene ID

56083

mRNA Refseq

NM_019386

Protein Refseq

NP_062259

UniProt ID

Q6P6R6

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